

SIIMS / Rating

SIIMS Homepage SIIMs website

<https://siims.iowadot.gov/Default.aspx>

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Structure Inventory and Inspection Management System



Notice: SIIMS functionality has been restored. Please let us know if you have any issues by e-mailing siims_support@iowadot.us.

SIIMS Notifications

Sign up to receive email updates about the Structure Inventory and Inspection Management System (SIIMS).

[Subscribe](#)

The Iowa Department of Transportation's (DOT) Structure Inventory and Inspection Management System (SIIMS) system is the single source location for entering and reviewing condition information on all Iowa bridges, both local and state owned. The system offers a variety of features and capabilities.

[SIIMS access](#)

[Set-up and troubleshooting version 7.2](#)

[Extended Inspection Frequency Clarification](#)

[Managing Working Sets](#)

Obtaining System Access:

Step 1

Each citizen of Iowa can have an A&A account for any and all applications they need that are hosted on state Web servers.

All SIIMS users will be required to have a State of Iowa Enterprise A&A account.

[Register for a username and password from the State of Iowa Enterprise A&A Web site.](#)

You will receive a confirmation of your A&A account with information to be used in Step 2.

If you currently have an Enterprise A&A account to access other State of Iowa applications, that username (first.last@iowaid) and password will be used to access SIIMS. Please complete the form(s) found under the forms section that pertain to your role with SIIMS.



SIIMS Contacts



Contacts

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▶ [Training information](#)

Contacts

For general questions on bridge inspection, contact:

Scott Neubauer

Office of Bridges and Structures
Iowa Department of Transportation

Phone: 515-239-1165

E-mail: siims.support@iowadot.us

For general questions related to SIIMS, contact:

Brian Smith

Office of Bridges and Structures
Iowa Department of Transportation

Phone: 515-239-1648

E-mail: siims.support@iowadot.us

For specific questions related to bridge inspection for local agencies, contact:

Eric Souhrada

Office of Bridges and Structures
Iowa Department of Transportation

Phone: 515-233-7720

E-mail: eric.souhrada@iowadot.us

For computer related and/or connection problems, contact:

Iowa DOT Help Desk

Information Technology Division
Iowa Department of Transportation

Phone: 515-239-1075



Resources and Information

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▶ Contacts

▶ FAQs

▶ Forms

▶ **Resources and information**

▶ Training information

National Bridge Inspection Standards (NBIS)
[NBIS Metrics](#)
[NBIS 2005](#)
[FHWA's FAQ on the NBIS](#)
[Recording and Coding Guide for the Structure Inventory and Appraisal](#)
[Input Procedures for FHWA Metrics](#)

Load Ratings for Standard Bridges
[Phase 1 – 1982 ASR Rating Method](#)
[Phase 2 – 1991 ASR Rating Method](#)
[Phase 3 – 1998 ASR Rating Method](#)
[Phase 4 – 2008 LFR Rating Method](#)
[Phase 5 – 2016 LFR Rating Method](#)
[Amendment to Phase 4 for SHV ratings](#)
[Concrete Box Beam Standards](#)

Load Ratings for Standard Culverts
[TWRCB 12](#)
[TRRCB 12](#)

Load Rating Tools for Concrete Box Culverts
[LRFD CIP Reinforced Concrete Box Culvert Program](#)

LARS Input and File Upload Requirements
[LARS Input Spreadsheet](#)
[LARS Consultant Requirements](#)


Iowa DOT Maintenance and Inspection Manuals
[Bridge Inspection Manual](#)
[Bridge Maintenance Manual](#)
[Bridge Rating Manual](#)
[Element Inspection Manual](#)
[Emergency Response Manual](#)

Other information
[Listing of Bridge Inspection Agencies](#)
[County and City Engineer's Form 107 Instruction Guide](#)
[Instructional Memorandum 2.120 Bridge Inspections](#)
[SIIMS implementation for local agencies](#)
[SIIMS implementation for consultants](#)

Getting SIIMs Access

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If you currently have an Enterprise A&A account to access other State of Iowa applications, that username (first.last@iowaid) and password will be used to access SIIMS. Please complete the form(s) found under the forms section that pertain to your role with SIIMS.

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Getting SIIMs Access



Enterprise A&A

[Sign In](#)

[Create An Account](#)

[Forgot Password](#)

[Forgot Id](#)

Structure Inventory and Inspection Management System

Sign up now to get credentials you can use for Enterprise A&A enabled sites.

First Name:

Last Name:


[Register](#)



Getting SIIMs Access

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Structure Inventory and Inspection Management System

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Step 2

In addition to the A&A account, you must be registered with SIIMS.

After completing one of the following forms, you will receive a confirmation that your SIIMS account is active when access is available.

[Bridge owner form](#): Bridge owners are asked to inform the Iowa DOT's Office of Bridges and Structures if they are bridge owners by filling out the bridge owner form found under the forms section. This will also allow them access to their bridges in SIIMS.

Bridge inspector forms: Bridge inspection [program managers](#) and [team leaders](#) may now apply for accreditation by the Iowa DOT's Office of Bridges and Structures, to lead/conduct NBIS inspections. Certification, by the DOT, is mandatory to access SIIMS for the purpose of performing bridge inspections in Iowa. Complete the bridge inspector form found under forms. The form is available to, and may be used by staff members with county, city, state and the federal government in addition to consulting firms and private practices. A program manager is also granted load rating access.

[Bridge load rating form](#): A professional engineer, registered in Iowa, is required to register to gain access to SIIMS for the purpose of load rating bridges. Complete the load rating form found under forms. The form is available to, and may be used by engineers with county, city, state and the federal government in addition to consulting firms and private practices.

[Bridge inspection data entry form](#): Any individual that will be entering data for the program manager or team leader is required to complete the data entry form found under forms.

[Bridge information form](#): Individuals desiring to view a Structure Inventory and Appraisal form for a bridge in Iowa, that do not qualify for any of the other positions, should complete the bridge information form found under forms.

The bridge information form is also available for consulting agencies who are doing design work for the Iowa DOT and need access to inspection reports and records for the existing structure.



SIIMS Bridge Information

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▶ FAQs

▶ Forms

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▶ Forms

▶ Bridge owner

▶ Bridge inspector-program manager

▶ Bridge inspector-team leader

▶ Bridge load rating

▶ Bridge inspection data entry

▶ Bridge information

▶ Change bridge owner

▶ Change program manager

▶ Change inspector role

▶ Change contact information

▶ Bridge status change - Form 107

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[ot us.](#)

the Structure Inventory and Inspection Management System

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Bridge Information Form

Structure Inventory and Inspection Management System

Bridge Information Form

[Return to SIIMS home page](#)

* Required Information

* First name

* Last name

* Enterprise A&A user name (first.last@iowaid)

* E-mail address

* Organization/agency/company

* Phone number (e.g. 555-123-4567)

Cell Phone number (e.g. 555-123-4567)

Affiliation

☐ Federal Government ☐ State Government ☐ County Government ☐ City Government ☐ Private

Questions/Comments :

Click the "Submit" button **only once** when completed to prevent duplication.

Submit Form

Clear Form



SIIMS

Web browser interface showing the SIIMS application running on <https://siims.iowadot.gov/Ir>. The browser tabs include "Report Filter - Bentle..." and "SIIMS - Iowa Departme...". The application interface features a menu bar with "File", "Edit", "View", "Favorites", "Tools", and "Help". Below the menu bar is the "InspectTech CONNECT Edition" logo and navigation links: "Main", "Collector", "Manager", and "Help". A search bar labeled "Type Asset Name Here..." is present. The "Report Filter" section shows "Saved Filters" and a "Manage" button. The "Record Count: 0" is displayed below the filter section.



Browser address bar: <https://siims.iowadot.gov/Ir>

Browser tabs: Report Filter - Bentle... | SIIMS - Iowa Departme...

Browser menu: File | Edit | View | Favorites | Tools | Help

SIIMS Navigation Menu:

- Main
 - Main Page
 - Main Dashboard
 - My Account
 - My Preferences**
 - My Working Set
 - Change Password
 - Logout
- Collector
- Manager
- Help

Record Count: 0

My Preferences

Preference:

	Preference	Value	
Edit	Asset Detail - Show Administration Tab	False	Sett
Edit	Asset Detail - Show Asset Info Tab	True	Sett
Edit	Asset Detail - Show Files Tab	True	Sett
Edit	Asset Detail - Show Report Sections	True	Sett View
Edit	Asset Detail - Show Scheduling Tab	False	Sett
Edit	Default Home Page	Report Filter	The
Edit	Default Multi Upload File Type	Photo	The
Edit	Default Report Toolbar Upload File Type	Photo	The
Edit	Default Upload File Type	Photo	The
Edit	Form Script Debug Mode	False	Allo
Edit	Report Summary View Set Sort By	as_code,as_name	Rep
Edit	Report Summary View Set Sort Order	0	Rep
Edit	Use Mobile Theme	False	The Mot

SIIMS

The screenshot shows a web browser window with the address bar displaying <https://siims.iowadot.gov/Ir>. The browser has multiple tabs, including "Report Filter - Bentle..." and "SIIMS - Iowa Departme...". The application interface includes a menu bar with "File", "Edit", "View", "Favorites", "Tools", and "Help". Below the menu bar is the "InspectTech CONNECT Edition" logo and navigation links for "Main" and "Collector". A "Saved Filters" dropdown menu is set to "Report Filter". The main content area displays a search result for "034535", showing "6019.3S009 (034535)" and a link to "Show more results for '034535'". A red callout bubble points to the search input field with the text "type FHWA number here".

https://siims.iowadot.gov/Ir

Report Filter - Bentle... x

SIIMS - Iowa Departme...

File Edit View Favorites Tools Help

InspectTech CONNECT Edition

Main Collector

Saved Filters Report Filter

Help

034535

6019.3S009 (034535)

Show more results for '034535'

type FHWA number here



Asset Details: 6019.3S009

Show More Details

View Asset Values

Show on Map

Quick View

Asset Info

Files

Parent Asset: District 3

Bridge ID: 6019.3S009

FHWA Number: 034535

Asset Type: Bridge

NBI 006 Features Crossed: MOON CREEK

NBI 007 Facility Carried: US 75 & IA 9

NBI 009 Location: 0.5 mi. E of W jct. US 75

NBI 112 NBIS: Y - Yes

NBI 022 owner: 01 - State Highway Agency

Original Design Number: Number: 1: 470

NBI 027 Year Built: 1972

NBI 043 Main Structure Type: 201

NBI 041 Open, Posted Or Closed: A - Open

Recommended Posting:

OFFICIAL SUFFICIENCY RATING: 73.6

UNOFFICIAL SUFFICIENCY RATING: 85.0

UNOFFICIAL FUNCTIONALLY OBSOLETE: N

UNOFFICIAL STRUCTURALLY DEFICIENT: N

Consulting Firm Name: IADOT

Next Inspection Type: Routine

Next Inspection Date: 02/06/2019

NBI 104 Highway System: 0 - Structure/Route is NOT on NHS

NBI 049 Structure Length: 134

NBI 052 Br Rdwy Width O-O: 71.4

Deck Area:: 9567.6



Quick Links:

[View Program Recommendations Report](#)[Current State SIA Report](#)

Open Reports

No Reports Found

Scheduling

No scheduling found for this asset.

▲ Asset Values Report Sections

Group: All

The report sections below are included in the selected group.

Save Order Changes

Add Sections/PDF Attachments

View PDF



Asset Details: 6019.3S009

Show More Details

View Asset Values

Show on Map

Quick View

Asset Info

Files

Scheduling

No scheduling found for this asset.

▲ Asset Values Report Sections

Group: All

The report sections below are included in the selected group.

Save Order Changes

Add Sections/PDF Attachments

View PDF

Remove Section	Order	Section Name		Print <input type="checkbox"/>	Include in Table of Contents <input type="checkbox"/>	Insert Cover Page Before Section <input type="checkbox"/>	Show Page Number <input checked="" type="checkbox"/>
	1	Cover	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	2	Table of Contents	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	Bridge Descriptions	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	4	SI&A	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	5	Maintenance Recommendations	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	6	Program Recommendations	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	7	Deck	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	8	Superstructure	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	9	Substructure	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	10	Piers	View	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Asset Details: 6019.3S009

Show More Details

View Asset Values












Show on Map

Quick View



Asset Info

Files

Completed Reports

▼ Last Revision	▼ FHWA Number	▼ Sub-Assets	▼ NBI 90 Date	▼ Inspection Type	▼ NBI 007 Facility Carried	▼ NBI 006 Features Crossed	▼ NBI 009 Location	▼ City	▼ County	▼ Approved Date	
3/31/2001	034535	none	4/1/2001 12:00:00 AM		US 75 & IA 9	MOON CREEK	0000000		060 - Lyon		
10/29/2015	034535	none	3/1/1999 12:00:00 AM		US 75 & IA 9	MOON CREEK	0000000		060 - Lyon		
7/12/2016	034535	none	2/9/2015 12:00:00 AM	In-Depth	US 75 & IA 9	MOON CREEK	0.5 mi. E of W jct. US 75	ROCK RAPIDS	060 - Lyon	2/18/2015	
8/22/2016	034535	none	2/9/2015 12:00:00 AM	Other	US 75 & IA 9	MOON CREEK	0.5 mi. E of W	ROCK	060 -	4/26/2016	
10/29/2015	034535	none	2/8/2011 12:00:00 AM	Routine	US 75 & IA 9	MOON					
4/17/2018	034535	none	2/6/2017 12:00:00 AM	In-Depth	US 75 & IA 9	MOON					
9/13/2016	034535	none	2/6/2013 12:00:00 AM	In-Depth	US 75 & IA 9	MOON					
1/31/2009	034535	none	2/1/2009 12:00:00 AM		US 75 & IA 9	MOON					
1/31/2007	034535	none	2/1/2007 12:00:00 AM		US 75 & IA 9	MOON					
1/31/2005	034535	none	2/1/2005 12:00:00 AM		US 75 & IA 9	MOON					
1/31/2001	034535	none	2/1/2001 12:00:00 AM		US 75 & IA 9	MOON			Lyon		

Select action for 6019.3S009:

-  Individual Report Sections PDF
-  Email Report PDF
-  View Complete PDF Report
-  View Report Form View
-  View Program Recommendations Report
-  Current State SIA Report

Asset Details: 6019.3S009

+ Show More Details

View Asset Values

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Asset Info

Files

Attach Picture/File

Select

File Type Load Rating

File Date (i.e. Date Picture Taken):

☐ Set description to file name on Attach

No files to upload

Attach

Filter By

File Date:

From:
To:

File Name:

File Description:

Filter

Asset and Reports

Manager Files

Photo

Sketch

File

Plans

Report 02/06/2017

Report 03/18/2015

Report 02/09/2015

Report 02/06/2013

Sketches (1)

File Name: Original Sketches.pdf

File Date: 03/02/2015

Description: Original Sketches

☐ Delete

Asset Details: 6019.3S009

+ Show More Details

View Asset Values

Show on Map

Quick View

Asset Info

Files

Attach Picture/File

Select

File Type Load Rating

File Date (i.e. Date Picture
Taken):☐ Set description to file name on Attach

Quick View

Asset Info

Files

Attach Picture/File

Select

rating 034535 .pdf



Sample

D034535.DAT



LARS File

calculation 034535.xlsx



Bridge calculation

File Type Load Rating

File Date (i.e. Date Picture
Taken):

- Sketch
- Photo
- Map
- Plans
- As-Built/Plans
- Shop Drawings
- Load Rating
- File
- Channel Section
- Scour
- Video
- Correspondence
- Audio
- Fracture Critical Details

Total files: 3

Attach

File Date: 03/02/2015


Description: Original Sketches

☐ Delete

Files to upload

- Excel file needs to be completed for slab and straight girder bridges.
 - Can be downloaded on the resources and information
<https://siims.iowadot.gov/resources.aspx>
LARS Input and File Upload Requirements
[LARS Input Spreadsheet](#)
[LARS Consultant Requirements](#)
- Complex design upload seal rating calculation and a summary sheet for the design and legal load rating.
- Final approved Shop Drawings
- Final plan sets with addendum and revisions

File the information under the correct file type using the FHWA number in the name. Use a description that describes the file.

 Plans (3)

File Name: 34535.pdf
File Date: 03/23/1975
Description: As Built



[Manager](#)
[Administration](#)
[Help](#)

Asset Detail

Quick View

Attach Pict

No files to upload

Filter By

File Date:

From:

To:

Asset and I

Manag

Phc

Ske

File

Pla

Report

Report

Report

Report

Manager Files

Photo

Sketch

File

Plans

Report 02/06/2017

Sketch

Photo

Map

Report 03/18/2015

Report 02/09/2015

Report 02/06/2013

Work Management Instance 02/07/2017

File types

Sketch

Photo

Manager Files

Report 02/06/2017

Report 02/09/2015

Report 02/06/2013

Work Management Instance 02/07/2017

Map

Plans

File

Show More Details

View Asset Values

Show on Map

Plans (3)

File Name: 34535.pdf

File Date: 03/23/1975

Description: As Built

File Name: 34535 Rail.pdf

File Date: 09/10/1992

Description: Barrier Rail As Built

Attach

Filter

Sketches.pdf

5

Sketches

Delete

<https://siims.iow>

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SIIMSAdministrator : Hauber, James - Logout



6019.3S009

Forms

Field Data

- Inspection Info
- Bridge Descriptions
- Deck**
- Superstructure
- Substructure
- Piers
- Culvert
- Channel
- Channel Section
- SIA
- Underrecords

Report Info

- NBI Calcs
- Pictures
- Asset Files
- Other Inspection
- Rpt. Sections
- Special Inspection
- Location Map

Elements

- Element Inspection

Crit Finding/Load Rating/Suppl.

- Load Rating
- Load Rating Evaluation
- Supplementary Inspection Information
- Critical Finding

MR&R

- Maint. Recommendations
- Prgm. Recommendations (State use only)

Deck Tab

[Enter Br.M Element Data](#)

FHWA Number: 34535

Bridge ID: 6019.3S009-0345...

Deck			
Item	Description	Condition	Comments
Deck Overall:	NBI Item 58	8	In 2015, the deck was overlaid. deck has increase hollows and of deck deterioration was there
Deck Drains:	Unextended	Fair	
Curb Type - Left:	Curb with retro rail	Good	The curb face has been repaired
Curb Type - Right:	Curb with retro rail	Fair	The curb face could not be checked snow along the curb in 2017.
Cantilevered Curb:	No	Fair	
Bottom of deck has or has had delaminated concrete over traffic		No	
Left Bridge Rail:	Vertical Concrete Parapet		
Right Bridge Rail	Vertical Concrete Parapet		

Near			
Item	Description	Condition	Comments
Approach:	Concrete	Good	The EF joint is at a minimum of degrees.
Left			
Guardrail Ends:	None	N/A	
Approach Guardrail:	None	N/A	
Guardrail Transition:	None	N/A	
Right			
Guardrail Ends:	End Terminals - SKT	Good	The approach guardrail has both metal post.
Approach Guardrail:	Miscellaneous	Good	

SIIMS

Contact Information

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Iowa Department of Transportation

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